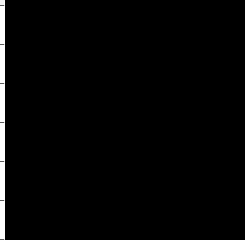


US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>		<b>3. Time Prepared</b>		<b>UNIT LOG ICS 214</b>																																																																																					
Kalamazoo River/Enbridge Spill		03/08/2012		HHMM																																																																																							
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>			<b>6. Operational Period :</b>																																																																																						
Operations Unit/Containment Branch Monitoring Group		<b>Name:</b>	Dan Capone & Joe Victory (START/US EPA)		<b>From:</b>	03/08/2012 07:00																																																																																					
		<b>Position:</b>	Operations Section Chief		<b>To:</b>	03/08/2012 17:00																																																																																					
<b>7. Personnel Roster Assigned</b>																																																																																											
<b>Name</b>		<b>ICS Position</b>			<b>DUTY CELL</b>																																																																																						
Dan Capone		Operations Section Chief																																																																																									
Joe Victory		Operations Section Chief																																																																																									
Rex Johnson		Deputy Director																																																																																									
Dan Zahner		Field Team Lead																																																																																									
Karen Berecz		Monitoring Group Supervisor																																																																																									
Joseph Kendall		CBM Team # 1																																																																																									
<b>8. Activity Log</b>																																																																																											
<b>Activity Area</b>						<b>LAT</b>	<b>LAT</b>																																																																																				
						<b>Various</b>	<b>Various</b>																																																																																				
						(DD.MMMM)	(DD.MMMM)																																																																																				
<b><u>OIL OBSERVED</u></b>		<b>EXTENT OF OIL IMPACTED AREA</b>																																																																																									
		<b>DENSITY OF OIL /SHEEN</b>																																																																																									
<b>Total Collection Points</b>																																																																																											
<b>Total Boom Deployed</b>																																																																																											
<b>Activity</b>		<p><b><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></b></p> <p>Joseph Kendall and David Pesses conducted (1) Control &amp; Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control &amp; Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile point 0.00 through 40.00. (3) Water &amp; Sediment Temperature &amp; Level Readings.</p> <ul style="list-style-type: none"> <li>• 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.</li> <li>• 0730 - 1700: START and NRG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions.</li> </ul> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> <th>ICE THICKNESS</th> <th>ICE FORMATION</th> <th>ICE FRAZZLE</th> </tr> </thead> <tbody> <tr><td>MP 2.25 C 0.0</td><td>47.6</td><td>45.2</td><td>3.9</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 5.25 C 0.4</td><td>47.6</td><td>48.0</td><td>2.9</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 10.00 C 3.2</td><td>47.7</td><td>42.1</td><td>2.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.00 C 5</td><td>49.6</td><td>49.2</td><td>3.7</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.6 Culverts</td><td>N/A</td><td>N/A</td><td>N/A</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 18.75 D 2</td><td>46.5</td><td>47.8</td><td>2.8</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 21.50 D 5</td><td>46.4</td><td>47.3</td><td>7.0</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 27.00 E 0.5</td><td>45.1</td><td>46.0</td><td>3.8</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 30.00 E 2</td><td>47.4</td><td>46.1</td><td>2.4</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 35.00 E 3</td><td>45.6</td><td>48.6</td><td>1.5</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 38.00 E 4</td><td>44.3</td><td>45.6</td><td>1.4</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE	MP 2.25 C 0.0	47.6	45.2	3.9	-	-	-	MP 5.25 C 0.4	47.6	48.0	2.9	-	-	-	MP 10.00 C 3.2	47.7	42.1	2.6	-	-	-	MP 15.00 C 5	49.6	49.2	3.7	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-	MP 18.75 D 2	46.5	47.8	2.8	-	-	-	MP 21.50 D 5	46.4	47.3	7.0	-	-	-	MP 27.00 E 0.5	45.1	46.0	3.8	-	-	-	MP 30.00 E 2	47.4	46.1	2.4	-	-	-	MP 35.00 E 3	45.6	48.6	1.5	-	-	-	MP 38.00 E 4	44.3	45.6	1.4	-	-	-
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	<p><b><u>Talmadge Creek:</u></b> Work Temporary (WT), Control (CT), &amp; Containment (CTM) Points ( 1 ) deployed are:</p> <p>MP2.25 Confluence: CT Area of Sheen is 0' x 0' = 0 sq. ft. <b>HARD-BOOM modified for installation of Sheet-Piling along shoreline areas.</b></p> <p><b><u>Kalamazoo River:</u></b> Control (CT) &amp; Containment (CTM) Points (10) deployed are:</p> <p>MP5.25 C 0.4 RDB: CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP8.50 L1 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP8.50 L3 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP8.75 R1 CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP9.00 I2 (8.97 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. <b>Scraping Site is under water.</b>  MP10.75 L2 SO CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP11.75 L2 (11.79 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP15.00 I1 (14.98 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. <b>Under Water.</b>  MP17.00 L1 (Rock Tenn) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  MP21.50 R1 CTM <b>No Visible Sheen. Hard-Boom is not attached at northern end due to high water.</b>  Area of Sheen is 0' x 0' = 0 sq. ft.</p> <p><b><u>Helicopter Fly-Over Pictures:</u></b> Sheen Locations:</p> <p>NONE</p> <p>Total sheen in control points: <b>0</b> sq. ft.  Total sheen within containment: <b>0</b> sq. ft.  Total Sheen: <b>0</b> sq. ft.</p>
Health and Safety Issues	NOTE: Changing River Levels along with Snow & Rain Causing Dangerous Conditions. Operations were conducted but at a slow rate.
Comments	NONE